

KARTA KATALOGOWA

R2E150-AL06-10

Wentylator promieniowy AC, łopatki zakrzywione do przodu

Producent: ebm-papst

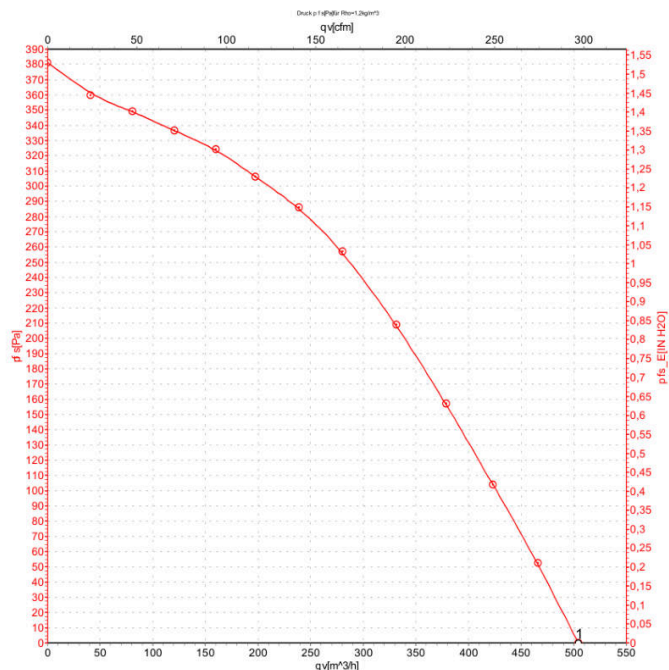


Zdjęcie poglądowe

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Wielkość	150 mm
Częstotliwość	50 Hz	Silnik	M2E074-DF
Prędkość obrotowa	2650 obr/min	Materiał wirnika	blacha stalowa
Pobór mocy	105 W	Liczba łopatek	16
Pobór prądu	0,47 A	Kierunek obrotów	w prawo, patrząc na wirnik
Kondensator	3 µF / 400 V	Stopień ochrony	IP44
Maks. wydajność	505 m³/h	Klasa izolacji	F
Maks. ciśnienie statyczne	370 Pa	Zabezpieczenie silnika	termik (TOP), podłączony wewnętrznie
Temperatura otoczenia	-25...+100 °C	Łożyskowanie	kulkowe
		Podłączenie	wtyczka
		Masa	6,1 kg

Charakterystyka przepływowa (50 Hz)

Curves: Air performance 50 Hz



Measurement: LU-112538-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

Wartości przy swobodnym wydmuchu; producent zastrzega możliwość zmian.

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R2E150-AL06-10

AC centrifugal fan

forward-curved

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Nominal data

Type	R2E150-AL06-10	
Motor	M2E074-DF	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Method of obtaining data		fa
Valid for approval/standard		CE
Speed (rpm)	min ⁻¹	2650
Power consumption	W	105
Current draw	A	0.47
Capacitor	µF	3
Capacitor voltage	VDB	400
Min. back pressure	Pa	0
Min. back pressure	inH2O	0
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	100

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



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Technical description

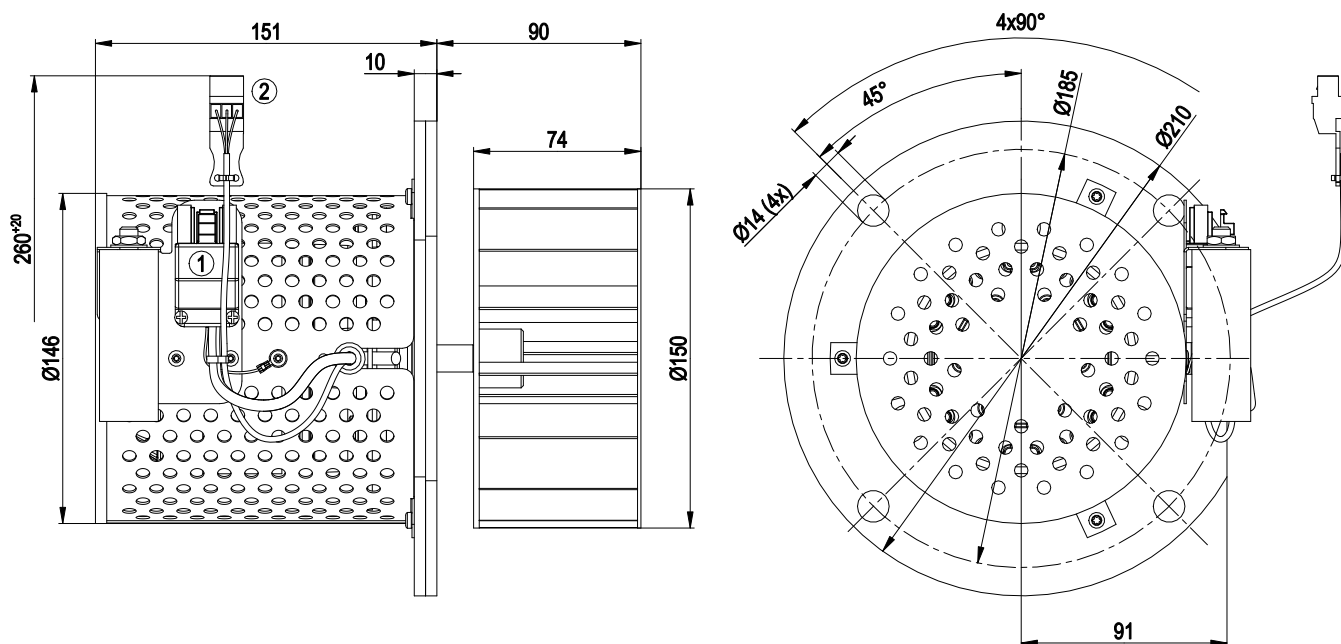
Weight	6.1 kg
Fan size	150 mm
Rotor surface	Unpainted
Impeller material	Sheet steel
Number of blades	16
Direction of rotation	Clockwise, viewed toward rotor
Degree of protection	IP44; installation- and position-dependent
Insulation class	"F"
Moisture (F) / Environmental (H) protection class	H0 - dry environment
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Any
Condensation drainage holes	None
Mode	S1
Motor bearing	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Electrical hookup	With plug
Motor protection	Thermal overload protector (TOP) internally connected
With cable	Variable
Protection class	I (with customer connection of protective earth)
Motor capacitor according to EN 60252-1 in safety protection class	P0/S0
Conformity with standards	EN 60335-1; CE

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Product drawing

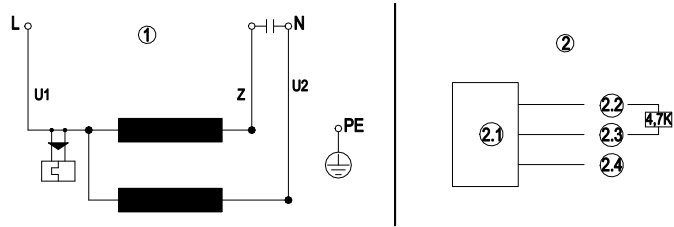


- | | |
|---|---|
| 1 | Cable silicone 4G 0.5 mm², 3-pole connector housing Wieland 93.832.4357.0 |
| 2 | Lumberg connector housing 3615-1 03 K02 |

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Connection diagram



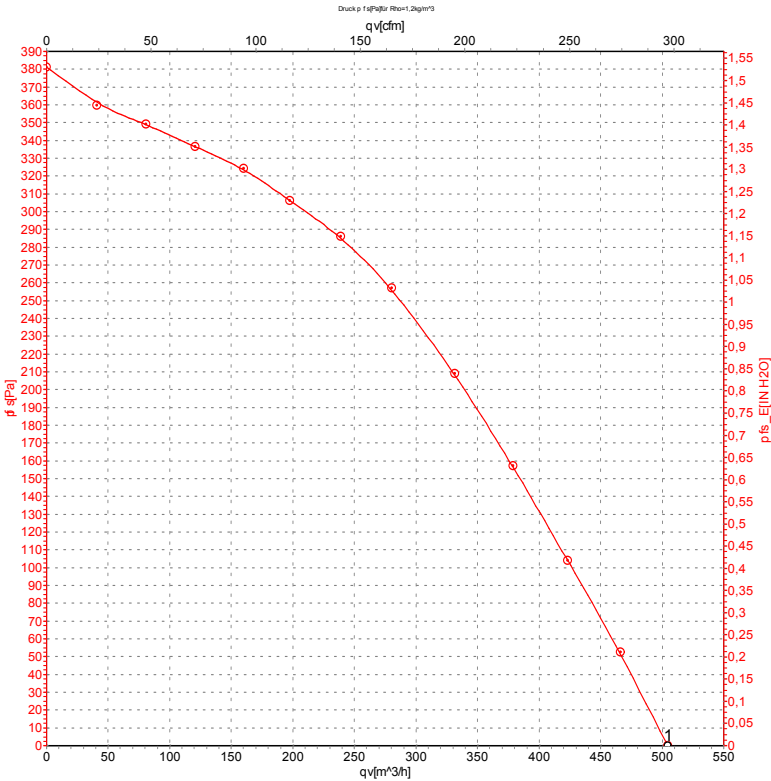
1	Fan connection diagram
U1	blue
Z	brown
U2	black
PE	green/yellow
2	Hall IC circuit
2.1	Hall IC
2.2	red (+5 V)
2.3	white (out)
2.4	black (0 V)



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Measured values

	U	f	n	P _e	I	qv	qv	P _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	CFM	inH2O
1	230	50	2650	105	0.47	505	295	0.00

U = Power supply · f = Frequency · n = Speed (rpm) · P_e = Power consumption · I = Current draw · qv = Air flow

